

Title (en)

Valve member, valve, ink container and ink cartridge having same

Title (de)

Ventilteil, Ventil, Tintenbehälter und Tintenstrahlkartusche mit diesem Behälter

Title (fr)

Élément de valve, valve, réservoir d'encre et cartouche d'encre le comprenant

Publication

**EP 0794058 B1 20020213 (EN)**

Application

**EP 97103720 A 19970306**

Priority

JP 5006596 A 19960307

Abstract (en)

[origin: EP0794058A2] A valve member for a recording liquid supply port connectable with a liquid ejection recording means for supplying recording liquid to said liquid ejecting means, comprises an elastically deformable plate-like member; a plug member on one side of said plate-like member; a supporting member for supporting said plate-like portion on said liquid container, said supporting member being on said one side thereof; wherein said plug member has A sealing portion, adjacent a free end portion thereof, for substantially plugging said liquid supply port by being inserted into the liquid supply port, and a liquid feeding portion, away from the free end portion, said liquid feeding portion having a cross-sectional area which is smaller than that of said sealing portion, wherein the cross-sectional area is in a plane parallel with the liquid supply port. <IMAGE>

IPC 1-7

**B41J 2/175; F16K 15/14**

IPC 8 full level

**B41J 2/175** (2006.01)

CPC (source: EP US)

**B41J 2/17513** (2013.01 - EP US); **B41J 2/17523** (2013.01 - EP US); **B41J 2/17553** (2013.01 - EP US)

Cited by

EP0839660A1; EP1674270A1; AU726797B2; US5903293A; EP0808716A3; DE10206696A1; DE10206696B4; US6273560B1; US7455398B2

Designated contracting state (EPC)

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**EP 0794058 A2 19970910; EP 0794058 A3 19981223; EP 0794058 B1 20020213**; AU 1514697 A 19970911; AU 697704 B2 19981015; CA 2199216 A1 19970907; CA 2199216 C 20001010; CN 1091037 C 20020918; CN 1161280 A 19971008; DE 69710376 D1 20020321; DE 69710376 T2 20020711; JP 3343876 B2 20021111; JP H09240003 A 19970916; KR 100234798 B1 19991215; MX 9701714 A 19980331; US 5949456 A 19990907

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